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## INDEX TO AMERICAN BOTANICAL LITERATURE

(1912)

The aim of this Index is to include all current botanical literature written by Americans, published in America, or based upon American material; the word America being used in the broadest sense.

Reviews, and papers that relate exclusively to forestry, agriculture, horticulture, manufactured products of vegetable origin, or laboratory methods are not included, and no attempt is made to index the literature of bacteriology. An occasional exception is made in favor of some paper appearing in an American periodical which is devoted wholly to botany. Reprints are not mentioned unless they differ from the original in some important particular. If users of the Index will call the attention of the editor to errors or omissions, their kindness will be appreciated.

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**Bitter, G.** Weitere Untersuchungen über die Gattung *Acaena*.

Repert. Sp. Nov. **10**: 489-501. 5 My 1912.

Discusses several species from Central and South America.

**Blake, S. F.** The forms of *Peltandra virginica*. Rhodora **14**: 102-106.

pl. 94. 14 Je 1912.

**Bragg, L. M.** The museum herbaria. Bull. Charleston Mus. **8**: 43-49.

My 1912.

**Brown, P. E.** Some bacteriological effects of liming. Centralb. Bakt.

Zweite Abt. **34**: 148-172. 15 My 1912.

**Claassen, E.** Alphabetical list of lichens collected in several counties of northern Ohio. Ohio Nat. **12**: 543-548. 7 Je 1912.

One hundred and twenty-eight species listed.

**Coker, W. C.** The plant life of Hartsville, S. C. Jour. Elisha Mitchell

Sci. Soc. **27**: 169-205. pl. 1-15. 16 F 1912.

**East, E. M.** Inheritance of color in the aleurone cells of maize. Am.

Nat. **46**: 363-365. Je 1912.

**East, E. M., & Hayes, H. K.** Heterozygosis in evolution and in plant

breeding. U. S. Dept. Agr. Plant. Ind. Bull. 243: 7-58. pl. 1-8.

5 Je 1912.

**Evans, A. W.** *Hepaticae* of Puerto Rico—XI. *Diplasiolejeunea*.

Bull. Torrey Club **39**: 209-225. pl. 16, 17 + f. 1, 2. 8 Je 1912.

**Faull, J. H.** The cytology of *Laboulbenia chaetophora* and *L. Gyrinidarum*. Ann. Bot. **26**: 325-355. pl. 37-40. Ap 1912.

- Fawcett, W., & Rendle, A. B.** New plants from Jamaica. Jour. Bot. 50: 177-182. *pl.* 518. Je 1912.  
New species are described in *Peperomia* (1) and *Pilea* (9).
- Fedde, F.** *Corydalis Allenii*, eine neue Art aus der Verwandtschaft der *Corydalis Scouleri*, von Washington. Repert. Sp. Nov. 10: 478, 479. 5 My 1912.
- Fedde, F.** Neue Arten aus der Verwandtschaft der *Corydalis aurea* Willd., von Nord-Amerika—V. Repert. Sp. Nov. 10: 479, 480. 5 My 1912.  
*Corydalis macrorrhiza* sp. nov. is also described.
- Fernald, M. L., & Wiegand, K. M.** A blunt-spiked variety of *Carex scoparia*. Rhodora 14: 115-116. *pl.* 94. 14 Je 1912.
- Fraser, C. G.** Induced hermaphroditism in *Acer Negundo* L. Torreya 12: 121-124. *f.* 1. 11 Je 1912.
- Frothingham, E. H.** Second-growth hardwoods in Connecticut. U. S. Forest Serv. Bull. 96: 9-70. *pl.* 1-6 + *f.* 1-3. 8 My 1912. [Illust.]
- Graebener, L.** *Kleinia pendula* DC. Monats. Kakteenk. 22: 69. 15 My 1912. [Illust.]
- Griffon, E., & Maublanc, A.** Les *Microsphaera* des chênes. Bull. Soc. Myc. France 28: 88-104. *pl.* 3-5. 15 Ap 1912.  
Discusses certain American species.
- Groth, B. H. A.** The F<sub>2</sub> heredity of size, shape, and number in tomato fruits. New Jersey Agr. Exp. Sta. Bull. 242: 3-39. *pl.* 1-3. 30 Mr 1912.
- Hall, H. M., & Hall, C. C.** A Yosemite flora. i-vii + 1-282. San Francisco. 8 Ap 1912.  
"A descriptive account of the ferns and flowering plants, including the trees, of the Yosemite National Park."
- Harper, R. A.** Some current conceptions of the germ plasm. Science II. 35: 909-923. 14 Je 1912.
- Harris, J. A.** A first study of the influence of the starvation of the ascendants upon the characteristics of the descendants—I. Am. Nat. 46: 313-343. Je 1912.
- Hayes, H. K.** Correlation and inheritance in *Nicotiana Tabacum*. Connecticut Agr. Exp. Sta. Bull. 171: 3-45. *pl.* 1-5. My 1912.
- Heimerl, A.** Zur Kenntnis der Nyctaginaceen-Gattung *Okenia*. Verh. Zool.-Bot. Gesells. Wien 61: 461-467. *f.* 1, 2. 28 F 1912.
- Heller, A. A.** The flora of the Ruby Mountains—V. Muhlenbergia 8: 49-58. *pl.* 5 + *f.* 4, 5. 31 My 1912.  
Includes *Castilleja lapidicola* sp. nov. and *Siphonella* gen. nov.

- Hill, A. W.** A visit to the West Indies. Kew Bull. Misc. Inf. **1912**: 166-189. My 1912.  
Contains some information relating to the fungi and other plants of these islands.
- Hitchcock, A. S.** *Gramineae*. In Jepson, W. L., A flora of California. 82-189. 30 Ap 1912.  
Includes keys to the tribes, genera, and species; one new species each in *Aristida*, *Agrostis*, *Poa*, and *Glyceria*; *Notholcus* Nash, gen. nov.
- Howe, M. A.** The building of "coral" reefs. Science II. **35**: 837-842. 31 My 1912.
- Jepson, W. L.** A flora of California. 65-192. 30 Ap 1912.  
*Gnetaceae* to *Cyperaceae*. The part on *Gramineae* contributed by A. S. Hitchcock.
- Johnson, R. H.** The Malthusian principle and natural selection. Am. Nat. **46**: 372-376. Je 1912.
- Kellerman, M.** A method of preserving type specimens. Jour. Washington Acad. Sci. **2**: 222, 223. 4 My 1912.
- Klugh, A. B.** The algae of a marshy pond. Rhodora **14**: 113-115. 14 Je 1912.
- Koehne, E.** Eine neue Einteilung der Kirschen, *Prunus*, Subgen. *Cerasus*. Wiss. Beilage Jahresb. Falk-Realgym. Berlin **1912**: 1-19. 1912.
- Macnamara, C.** Poison ivy. Ottawa Nat. **26**: 34-37. 27 My 1912.
- Malte, M. O.** Variation in plant life, its biological significance and practical value. Ottawa Nat. **26**: 26-28. 27 My 1912.  
A synopsis of a lecture delivered before the Ottawa Field Naturalists' Club.
- Massee, G.** Fungi exotici—XIII. Kew Bull. Misc. Inf. **1912**: 189-191. My 1912.  
Includes *Entypha gigaspora* Massee from Trinidad.
- Maxon, W. R.** Studies of tropical American ferns—No. 3. Contr. U. S. Nat. Herb. **16**: 25-62. *pl.* 18-34. 19 Je 1912.
- Meyer, R.** Ueber *Echinopsis multiplex* Zucc. Monats. Kakteenk. **22**: 72-76. 15 My 1912.
- Phillips, F. J., & Mulford, W.** Utah juniper in central Arizona. U. S. Forest Serv. Circ. 197: 3-19. *pl.* 1, 2 + *f.* 1. 8 Je 1912.  
Includes notes on injuries to the trees by *Pyropolyporus texanus*, *Gymnosporangium gracilens*, and *G. Nelsoni*.
- Ramaley, F.** Mendelian proportions and the increase of recessives. Am. Nat. **46**: 344-351. Je 1912.
- Record, S. J.** Tier-like structure of some woods. Hardwood Record **34**: 38, 39. 10 Je 1912. [Illust.]
- Reed, H. S., Cooley, J. S., & Rogers, J. T.** Foliage diseases of the apple. Virginia Polytech. Inst. Agr. Exp. Sta. Bull. 195: 3-23. *f.* 1-13. F 1912.

- Rehder, A.** *Rhododendron carolinianum*, a new rhododendron from North Carolina. *Rhodora* **14**: 97-102. 14 Je 1912.
- Robinson, W. J.** A taxonomic study of the *Pteridophyta* of the Hawaiian Islands—I. *Bull. Torrey Club* **39**: 227-248. *pl.* 18-20. 8 Je 1912.
- Sackett, W. G.** Bakteriologische Untersuchungen über die Stickstoffbindung in gewissen Bodenarten von Colorado. *Centralb. Bakt. Zweite Abt.* **34**: 81-115. *f.* 1-5. 15 My 1912.
- Schlechter, R.** *Orchidaceae* novae et criticae. *Decas XXXIV*. *Repert. Sp. Nov.* **10**: 480-486. 5 My 1912.  
Includes new species in *Spiranthes* (2), *Cranichis* (1), *Oreorchis* (1), *Lepanthes* (1), *Epidendrum* (3), and *Campylocentrum* (1) from Central America.
- Setchell, W. A.** *Algae novae et minus cognitae*, I. *Univ. Calif. Pub. Bot.* **4**: 229-268. *pl.* 25-31. 29 My 1912.  
Describes *Hapterophycus canaliculatus* Setchell & Gardner, *Besa papillaeformis* Setchell, *Baylesia plumosa* Setchell, gen. et spp. nov.; *Faucheia Fryeana* Setchell, *Dudresnaya bermudensis* Setchell, *Leptocladia conferta* Setchell, and *Weeksia Fryeana* Setchell, spp. nov.
- Stewart, R., & Greaves, J. E.** The production and movement of nitric nitrogen in soil. *Centralb. Bakt. Zweite Abt.* **34**: 115-147. *f.* 1. 15 My 1912.
- Taylor, N.** Perennials for the shady nook. *Gard. Mag.* **15**: 308-310. Je 1912.  
"Nearly fifty plants that will flower without full sunshine."
- Trelease, W.** The classification of the black oaks. *Proc. Am. Phil. Soc.* **51**: 167-171. *pl.* 10-13. Je 1912.
- Urbina, M.** Los Amates de Hernández ó Higuieras mexicanas. *La Naturaleza III*. (*Revista Cien.*) **1**: 32-53. 1912.
- Urbina, M.** Notas acerca de los Copales de Hernández y las Burseráceas mexicanas. *La Naturaleza III*. **1**: 13-31. 1912.
- Vallida, M. M.** Una vida ennoblecida por el estudio y el estricto cumplimiento del deber. *La Naturaleza III*. **1**: XLI—XLVIII. *portrait*. 1912.  
Biographical notice of Dr. Manuel Urbina y Altamirano, with bibliography.
- Vaupel, F.** Sieben neue Kakteen aus Kuba. *Monats. Kakteenk.* **22**: 65-67. 15 My 1912.  
A translation of the descriptions of the seven species described by Britton and Rose in *Torreya* **12**: 13-16.
- Vaupel, F.** Aus meiner Sammlung. *Monats. Kakteenk.* **22**: 69-71. 15 My 1912.
- Vaupel, [F.]** *Echinocereus de Laetii* Gürke. *Monats. Kakteenk.* **22**: 72. 15 My 1912. [Illust.]